

***NATIONAL WEATHER SERVICE  
PRODUCT/SERVICE DESCRIPTION DOCUMENT (PDD)  
TYPE: Official Product  
DATE: April 10, 2003***

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AVIATION WEATHER WARNING (AWW)

**Part 1 - Mission Connection**

**1. Product/Service Description:**

The AWW is a National Weather Service (NWS) operational warning for weather with the potential to impact ground operations at some airports. Specific warning criteria are decided by local airport management and the supporting Weather Forecast Office and are specific to each airport. The AWW complements and is consistent with existing NWS warnings and forecasts to the maximum extent possible.

Sample AWW warning criteria are defined in the NWS Instruction 10-801, Airport Weather Warnings.

**2. Purpose/Intended Use:**

AWWs are designed to warn airport ground personnel of impending adverse weather.

**3. Audience:**

AWWs are aimed at airport managers, fixed-base operators, airline ground personnel and others responsible for the safety of ground operations and those working on an airport and subject to adverse weather for the protection of life and property.

**4. Presentation Format:**

The AWW is an alphanumeric text weather forecast.

**5. Feedback Method:**

Comments regarding the AWW can be submitted through the local Weather Forecast Office homepage. Feedback can also be sent to the Regional Aviation Meteorologist at each region. This information is forwarded to NWS Headquarters for review. Technical comments or questions for the AWW may be addressed to:

National Weather Service Headquarters  
Aviation Services Branch, OS23  
Attn: Mike Graf, Rm #13324  
1325 E-W Highway, SSMC2  
Silver Spring, MD 20910  
email: [Michael.Graf@noaa.gov](mailto:Michael.Graf@noaa.gov)  
Phone: 301-713-1726, ext 117

## Part 2 - Technical

### 1. **Format and Science Basis:**

The AWW is written in a plain language, free text format. The format and content are described in detail in the NWS Instruction 10-801, Airport Weather Warnings, found at:

<http://www.nws.noaa.gov/directives/010/pd01008001a.pdf>.

### 2. **Availability:**

AWWs are issued when criteria are expected to be met. Dissemination varies depending on local communications options such as telephones and pagers and may also include the Advanced Weather Interactive processing System and the Satellite Broadcast Network.

### 3. **Additional Information:**

For an example of the AWW, go to:

<http://www.srh.noaa.gov/data/BOS/AWW/BOSAWWBOS.5.txt>.